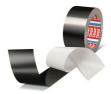




**Product Information** 



All Black Aluminum

#### **Product Description**

tesa® 50577 is a strong aluminum tape, based on a black 50µm aluminum foil and a black acrylic adhesive. tesa® 50577 is mainly used in the arts and entertainment industry and in appliance industry as well a wide range of other applications.

#### **Product Features**

- Perfect matt surface and a black adhesive
- Easy to remove without residues
- High temperature resistance
- Mechanical resistance
- Moisture resistant
- Vapour tight
- Ageing-resistant

# **Application Fields**

- · Bonding of coils for heaters, air conditioning systems
- Preventing light escaping from floor cans
- Fixation of forming of barndoors
- High temperatures applications when a removability afterwards is needed
- Invisible repairs with a matt black surface

# Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

# **Product Construction**

<ul> <li>Backing</li> </ul>
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- Type of adhesive
- Type of liner
- Total thickness
- aluminium foil acrylic paper

85 µm

- Color of liner
- Thickness of liner
- Thickness of tape
- white 65 μm \_NULL μm

<sup>2</sup>age 1 of 2 – as of 28/02/24 – en-US





# **Product Information**

#### **Properties/Performance Values**

Tensile strength     40 N/c	CIII
Abrasion resistance good	
Backing appearance (visual) matt	
Hand tearability very g	jood
Liner release force     0.2 N/	cm
Operation temperature from -40 °C	*

#### **Adhesion to Values**

Backing

5 N/cm

• Operation temperature up to	160 °C
Straight tear edge	medium
<ul> <li>Suitable for die cutting</li> </ul>	yes
<ul> <li>Temperature resistance (30 min)</li> </ul>	160 °C
<ul> <li>Temperature resistance min.</li> </ul>	-40 °C
<ul> <li>Water resistance</li> </ul>	very good

Steel

5 N/cm

# Disclaimer

tesa<sup>®</sup> products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa<sup>®</sup> product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

